

AC Current Transducer



Shenzhen Sensor Electronic Technology Co.,Ltd

CE-IJ03A-34ES3-0.5

Output: 0-5V; Power supply:+24V;

Aperture: F 20mm; Case Style:ES3; Accuracy:0.5

Features

True RMS, high isolation, low drift, small size, hole-thru input, din rail mounting

Specifications

Operating temperature: 0~50°C

Measuring range: 0-300A AC

Accuracy: Class 0.5

Temperature drift: 300 ppm/°C

Isolation voltage: 2500 V DC

Load capability: $\geq 2\text{ k}\Omega$

Response time: $\leq 400\text{mS}$

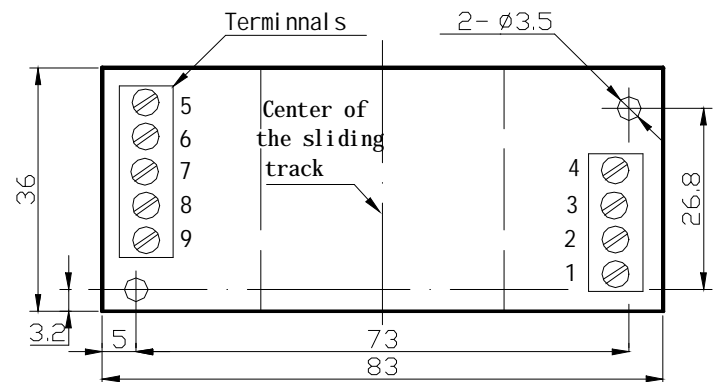
Overload: 20 times and ≤ 5 times/sec at 500A

Test condition: power supply+24V, room temperature: 25°C

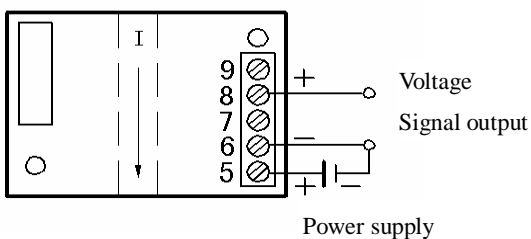
Case Style & Mounting Dimensions



83*36*76mm



Connections Diagrams



Terminal 5: VCC, Positive power supply
Terminal 6: GND, Negative power supply
Terminal 8: Voltage output
Don't use all terminals named NC.

Notice

- All connections of the positive and negative polarities must be correct. The output signal and the power supply must be grounded in common at terminal 6.
- If other meter is used to read the value of the output, please make sure its accuracy is higher.